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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

THAI, HANH B

ART UNIT	PAPER NUMBER
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2171

DATE MAILED: 10/03/2003

12

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/733,274

Applicant(s)

TRIBBENSEE, BRUCE

Examiner

Hanh B Thai

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on the amendment dated July 24, 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 and 21-23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-18 and 21-23 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

This is in response to the Amendment dated July 24, 2003.

DETAILED ACTION

Response to Amendment

1. Applicant's amendment to the specification is acknowledged. Consequently, objection to the specification is withdrawn.
2. Applicant's amendment to two claims number 18 existed in the application. Consequently, objection to claim 18 is withdrawn.
3. Applicant's arguments regarding claims 1-18 and 21-23 have been fully considered but they are not persuasive.

Regarding claims 9-18 and 21-23, applicant argues that Tso (US 6,047,327) "does not teach or suggest a communication system where a user specifically requests certain information" and "a parser to identify a keyword. In response, claim 9 does not require the user to specifically request certain information. Furthermore, the claimed response is broad enough to read on "a communication unit to send a response with a result from the action". Tso teach "communication system" (Fig.1) corresponds to "Communication unit" to send response with a result from the action (ACTIONS, 94, Fig. 4, Tso). When the keyword in the action in the Infobite (Fig. 4, Tso) is actively performed, it will receive a responsive result to that action displayed in Resources (95, Fig. 4, Tso). Tso also teach the step of parsing to identify keywords in infoBite (see col. 13, lines 4-8, Tso).

Regarding claims 1-8, applicant argues that Leong (US 5,996,010) "does not disclose identifying a connector based on a keyword in the message". In response, Leong and Tso combination teach the claimed limitation. For example, Tso teaches a connector that is connected

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between “INFOBITE” and “RESOURCES” (93, 95, Fig. 4, Tso) to indicate an action associated with the keyword “FULL STORY TEXT, VIDEO,…” (see Fig. 4, Tso). “full story text” and “video” correspond to the keywords.

applicant argues that Tso teaches away from “receiving a message including a request”. In response, Leong and Tso combination teach the claimed limitation. Leong teaches receiving a message including a request (see col. 13, lines 20-33, Leong).

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 9-10, 12-18 and 21-23 are rejected under 35 U.S.C. 102(e) as being anticipated by Tso et al. (U. S. Patent no. 6,047,327).

1. Regarding claim 9, Tso discloses an apparatus comprising:

- a parser to identify a keyword in a message received from a user (see col. 13, Regarding lines 4-9, Tso). “full story text” and “video” are the keywords;
- a connector file that is connected between “INFOBITE” and “RESOURCES” (93, 95, Fig. 4, Tso) to indicate an action associated with the keyword “FULL STORY TEXT, VIDEO,…” (see Fig. 4, Tso). “full story text” and “video” correspond to the keywords;

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- an action logic (Fig. 9) to perform the action in “logical database” (see col. 5, lines 1-5, Tso); and
 - a communication unit to send a response with a result from the action (see Fig. 1 and col. 23, lines 51-57, Tso). “communication system” (Fig. 1) corresponds to “Communication unit” to send response with a result from the action (ACTIONS, 94, Fig. 4, Tso). When the keyword in the action in the Infobite (Fig. 4, Tso) is actively performed, it will receive a responsive result to that action displayed in Resources (95, Fig. 4, Tso).
2. Regarding claim 10, Tso further discloses that the message is an electronic mail message (see col. 10, lines 27-33, Tso).
3. Regarding claim 12, Tso further discloses the performing an action comprises:
accessing a web page identified by the connector; and
filling in a form on the web page (see col. 21, lines 33-35, Tso).
4. Regarding claim 13, Tso further discloses the performing an action comprises:
accessing a web page identified by the connector; and
obtaining data from the web page (see Fig. 4, Tso).
5. Regarding claims 14, Tso further discloses that the data is download from the web page (see col. 14, lines 16-34 and col. 24, lines 8-17, Tso).
6. Regarding claim 15, Tso further discloses a web page filtering mechanism to filter the data obtained from the web page, the web page filtering mechanism to create a response readable by an originating device (see col. 10, lines 41-61, col. 21, lines 5-10 and col. 25, lines 14-19, Tso).

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7. Regarding claim 16, Tso further discloses the performing an action comprises:

identifying a keyword in the request designating a destination for the response (Fig. 4, Tso); and downloading data from the web page and sending the response to the destination (see 253, Fig. 8, Tso).

8. Regarding claim 17, the communication unit to send an acknowledgement to the user, after the response is sent to the destination (see col. 23, lines 51-64 and col. 25, lines 14-41, Tso).

9. Regarding claim 18, Tso further discloses an action to be performed, data to be downloaded, and a destination for a response to the request (see col. 24, lines 18-33, Tso).

10. Regarding claim 21, Tso discloses a system to provide web access to a limited display device comprising:

- a communication unit to receive a message from the limited display device, the message including at least one keyword (see col. 11, lines 35-45, Tso).
- A parser to identify the at least one keyword, and to identify one or more connectors based on the keyword (see col. 13, Regarding lines 4-9, Tso). “Full story text” and “video” are the keywords.
- A connector file to indicate one or more actions associated with each connector. a connector file that is connected between “INFOBITE” and “RESOURCES” (93, 95, Fig. 4, Tso) to indicate an action in “InfoBite” associated with the keyword “FULL STORY TEXT, VIDEO,...” (see Fig. 4, Tso). “full story text” and “video” correspond to the keywords;
- A web browser to access a web page (Browser 89, Fig. 3, Tso);

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- a web action executor to execute the one or more actions specified by the one or more connectors, on the web page, and obtain a result. "InfoBite" corresponds to the web action executor to perform the actions (see 93, 95, Fig. 4 and col. 13, lines 10-34, Tso).
- The communication unit t send the response with a result from the action. "Communication system" (Fig.1) corresponds to "Communication unit" to send response with a result from the action (ACTIONS, 94, Fig. 4, Tso). When the keyword in the action in the Infobite (Fig. 4, Tso) is actively performed, it will receive a responsive result to that action displayed in Resources (95, Fig. 4, Tso).

11. Regarding claim 22, Tso combination further discloses that the request is received from a hand-held device. Hand-held device corresponds to the "cellular device" shown in Tso (see col. 4, lines 4-8, Tso).

12. Regarding claim 23, Tso further discloses a web page filtering mechanism to format the result into a format resdable by the limited display device (see col. 10, lines 41-61, col. 21, lines 5-10 and col. 25, lines 14-19, Tso).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-8 and 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Leong et al. (U. S. Patent no. 5,996,010) in view of Tso et al (U. S. Patent no. 6,047,327).

13. Regarding claim 1, Leong discloses a method comprising:

- receiving a message including a request (see col. 8, lines 29-32 and col. 13, lines 20-33, Leong);
- sending a response including the data to the requester (see col.13, lines 26-33, Leong).

Leong, however, does not explicitly disclose “identifying a connector based on a keyword in the message” and “performing an action identified by the connector”. Tso, on the other hand, discloses the “connector” between “INFOBITE” and “RESOURCES” (93, 95, Fig. 4, Tso) that is recognized based on the keyword “FULL STORY TEXT, VIDEO,...” and perform the “ACTIONS” (see Fig. 4, Tso). It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Leong to include the claimed feature as taught by Tso. The motivation of doing so would have been to provide the end user of connection and communication with the system through a wide variety of distributing electronic information (see col. 2, lines 1-5, Tso).

14. Regarding claim 2, Leong/Tso combination further discloses that the message is an electronic mail message (see col. 10, lines 27-33, Tso).

15. Regarding claim 3, Leong/Tso combination further discloses the performing an action comprises:

- accessing a web page identified by the connector; and
- filling in a form on the web page (see col. 21, lines 33-35, Tso).

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16. Regarding claim 4, Leong/Tso combination further discloses the performing an action comprises:

accessing a web page identified by the connector; and

obtaining data from the web page (see Fig. 4, Tso).

17. Regarding claims 5-8, Leong/Tso combination further discloses the performing an action comprises:

identifying a keyword in the request designating a destination for the response (Fig. 4, Tso); and downloading data from the web page and sending the response to the destination (see 253, Fig. 8, Tso).

18. Regarding claim 11, Leong/Tso combination further discloses that the request is received from a hand-held device. Hand-held device corresponds to the “cellular device” shown in Tso (see col. 4, lines 4-8, Tso).

Conclusion

19. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

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however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

20. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hanh B Thai whose telephone number is 703-305-4883. The examiner can normally be reached on 8 AM - 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic can be reached on 703-308-1436. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Hanh Thai #
Art Unit 2171
September 21, 2003


UYEN LE
PRIMARY EXAMINER
AU 2171